



**T 55**



**GOLDBACH KIRCHNER**

**Product description / details**

Am Sportplatz 7  
63826 Geiselbach

Tel.: +49 (0) 6024 / 6756 – 0

Fax.: +49 (0) 6024 / 6756 – 24

[www.goldbachkirchner.de](http://www.goldbachkirchner.de)  
[info@goldbachkirchner.de](mailto:info@goldbachkirchner.de)

## Product description

### T55 all-glass wall – double-glazed, without vertical uprights

Flexible partition wall with double glazing, without vertical uprights. Continuous glazing, no fixed width units, adjustable to suit all room heights. Customisable design, with a choice of glazing and special surface finishes. Panels can be rapidly installed and reorganised. Partitions can be repositioned in their entirety without loss of material.

All of the materials used comply with the latest technological and sustainability standards.  
The T55 glass partition wall can be combined with any Goldbach Kirchner partition wall.

### Advantages at-a-glance:

■ **Construction:**

Double-glazed, without vertical uprights  
Wall thickness 100 mm throughout  
Solid partition/glass/door panels can be combined throughout

■ **Flexibility:**

Adjustable to match future room requirements  
Rapid dismantling and re-assembly, also “hot-swappable”

■ **Cost-effective:**

Maintenance-free wall panels  
Reposition without material loss  
Rapid installation

■ **Sustainability:**

Long product lifetime  
Product parts recyclable



### Partition wall dimensions:

Wall thickness:	100 mm		
Ceiling connection joint:	Height 20 mm	Adjustable (to ceiling)	+/- 10 mm
Floor connection joint:	Height 20 mm	Adjustable (to floor)	+/- 10 mm
Wall connection joint:	Width 20 mm	Adjustable (to wall)	+/- 10 mm
Glass joints:	Width 2 mm		

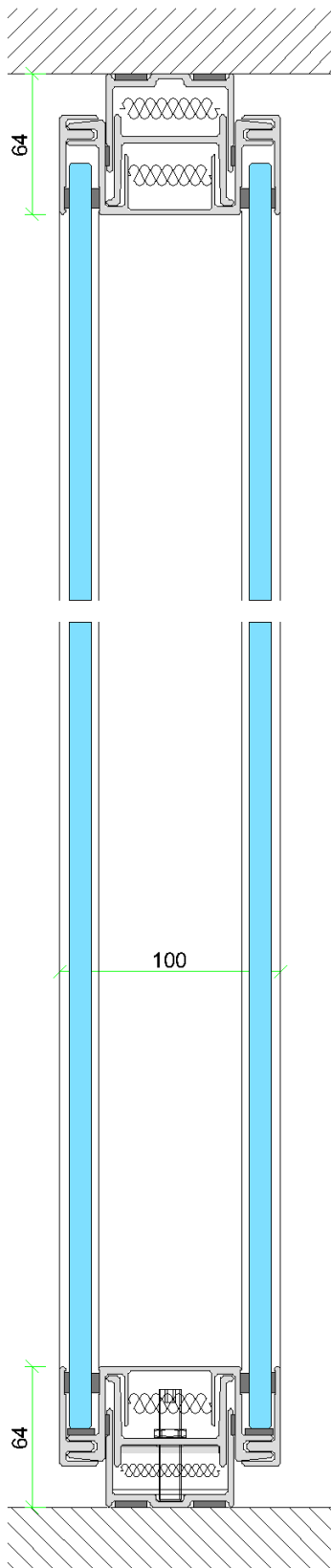
### T55 system description

Design:	Non-load-bearing interior partition wall, joins to building structure with aluminium U-channels. Glazing is encased in identical frame rails for the ceiling, floor and wall connections. The frame rails are anchored to the building structure using telescopic sections.
Connecting sections:	Aluminium, E6 EV1 anodised or powder-coated.
Glass:	ESG/VSG 10 mm/12 mm.
Joint/seal:	Concealed dry seal surround. Continuous vertical joint, 2 mm, with 1 mm acrylic adhesive tape on each side, grey on the front edges of the glass panes, from floor to ceiling.
Special options:	Available with coloured or opaque glass panes, satinised/printed panels, with privacy filters, interior blinds, electrically-operated.

### System requirements:

Structural safety:	Structural survey (DIN 4103 Part 1)
Sound insulation index:	ISO 10140-2, ISO 140-3, ISO 717-1, $R_{w,p} = 43 - 48$ dB.
Material take-off:	approx. 54 kg/m <sup>2</sup> (mean value) (with 10 mm ESG glazing on both sides), approx. 65 kg/m <sup>2</sup> (max. value)
Fire resistance class:	Not classified.
Other requirements on request.	

All planning data (dwg, tender texts) are available for download at <http://www.goldbachkirchner.de>.



Vertical cross-section T55

**T55 product features:**

- Partition wall as all-glass wall, with double glazing, without vertical uprights.
- Double dry-glazed panes, flush-mounted for a homogeneous appearance, also over doors and solid partition elements.
- Wall thickness 100 mm.
- Custom floor plan layout without fixed unit multiples.
- Glass panes 10/12 mm thick can be used, depending on room height.
- Joint between glass panes is 2 mm.
- No attached or press-fitted edge strips or coverings.
- No visible seals.
- Concealed design for all component fixtures.
- Floor/ceiling height compensation to  $\pm 10$  mm.
- All-round 20 mm retractable connection to compensate for structural variation.
- All visible sections in aluminium (natural tint) or RAL powder-coated, highly abrasion- and scratch-resistant.
- Partial areas can integrate the T10 solid partition wall.
- Integration with *sonic* 10 acoustic elements possible.
- Can be combined with any Goldbach Kirchner partition wall systems.
- Electrification/switch panels can be combined by using door openings.
- Multimedia/building automation/electrical systems can be integrated.
- Blinds sandwiched internally between panes, protected from damage and soiling. Vertical or horizontal orientation, electrical operation.
- Foil bonded to the pane interior at the factory to protect it from damage.
- Switchable panes also deployable.
- High level of prefabrication and fitter-friendly modules ensure rapid installation.
- Dismantle and reinstall without loss of material. Repositionable wall panels. Conversions also possible during normal business.
- Room heights possible to 3.25 m.
- Sound insulation to  $R_{w,p} = 48$  dB.
- Following pre-sorting, recycling of all materials used is possible in the end-of-life phase.